

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Attorney Docket No. 056646-5022	Serial No. Unassigned 07500843
	Applicants Shik Chi TSANG, et al.	
	Filing Date January 7, 2003	Group Unassigned 1755

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,547,748	08/20/1996	RUOFF, et al. *			01/14/1994

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
LH	99/46782	09/16/1999	WO				
LH	9-86915	03/31/1997	JP			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner /Patricia Hailey/	Date Considered 02/20/2007
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* Considered in IDS filed 8/18/05

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office



Atty. Dkt. No.	M#	Client Ref.
	056646-5022-US	HP/LP6233969

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Shik Chi TSANG et al.

Appln. No.: 10/500,843

Filing Date: January 27, 2005

Date: August 18, 2005

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Examiner: ~~unassigned~~ Group Art Unit: ~~4754~~ 1755

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
LH	AR 5,547,748	08/1996	Ruoff et al.	428	323	
LH	BR 6,009,457	12/1999	Moller	709	203	
LH	CR 5,472,749	12/1995	Dravid et al.			
LH	DR 2001/0051766 A1	12/2001	Gazdzinski	600	309	

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Applicant Name		English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
LH	ER	02-069904	03/1990	Japan	Yoshiteru et al.	H01F				
LH	FR	WO 0200192	01/2002	PCT	Klein	A61K				

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

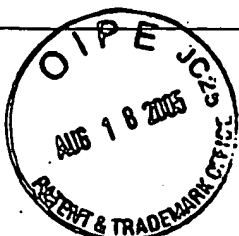
LH	GR	Jeyadevan et al., "Oxidation Protective Carbon Layer for Magnetic Particles by Surfactant Reduction", IEEE Transactions on Magnetics, 32(5):4511-4513 (September 1996)*							
	HR	Turgut et al., "Magnetic evidence for structural-phase transformations in Fe-Co alloy nanocrystals produced by a carbon arc", J. Appl. Phys., 81(8):4039-4041 (April 15, 1997)*							
	IR	Heath et al., "Lanthanum Complexes of Spheroidal Carbon Shells", J. Am. Chem. Soc., 107:7779-7780 (1985)				X			
	JR	Majetich et al., "Preparation and properties of carbon-coated magnetic nanocrystallites", Phys. Rev. B, 48:16 845-16 848 (December 1, 1993)				X			
	KR	Seraphin et al., Am. Inst. Phys., 80:2097-2104 (August 15, 1996)				X			
	LR	Y. Saito, "Nanoparticles and Filled Nanocapsules", Carbon, 33(7):979-988 (1995)				X			
	MR	Dravid et al., "Controlled-size nanocapsules", Nature, 374:602 (April 13, 1995)				X			
	NR	Heath et al., "The Formation of Long Carbon Chain Molecules during Laser Vaporization of Graphite", J. Am. Chem. Soc., 109:359-363 (1987)				X			
	OR	D. Ugarte, "How to fill or empty a graphitic onion", Chem. Phys. Lett., 209(1,2):99-103 (June 25, 1993)				X			
	PR	Tsang et al., "Thinning and opening of carbon nanotubes by oxidation using carbon dioxide", Nature, 362:520-522 (April 8, 1993)				X			
	QR	Tsang et al., "A simple chemical method of opening and filling carbon nanotubes", Nature, 372:159-161 (November 10, 1994)				X			
LH	RR	Tsang et al., "Immunobilization of Platinated and Iodinated Oligonucleotides on Carbon Nanotubes", Angew. Chem. Int. Ed. Engl., 36(20):2198-2200 (1997)				X			

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Date Considered: 02/20/2007

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Examiner: unassigned

Group Art Unit: 1754

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LH	AR	Harris et al., "A simple technique for the synthesis of filled carbon nanoparticles", Chem. Phys. Lett., 293:53-58 (1998)	X			
	BR	Harris et al., "Encapsulating uranium in carbon nanoparticles using a new technique", Carbon, 36:185-1860 (1998)	X			
	CR	Baker et al., "Formation of Filamentous Carbon from Iron, Cobalt and Chromium Catalyzed Decomposition of Acetylene", Journal of Catalysis, 30:86-95 (1973)	X			
	DR	Harris et al., "High-resolution electron microscopy studies of non-graphitizing carbons", Philosophical Magazine A, 76(3):667-677 (1997)	X			
	ER	Host et al., "Graphite encapsulated nanocrystals produced using a low carbon:metal ratio", J. Mater. Res., 12(5):1268-1273 (May 1997)	X			
	FR	Subramoney et al., "Radial single-layer nanotubes", Nature, 366:637 (December 16, 1993)	X			
	GR	D. Ugarte, Nature, 359:707-709 (October 22, 1992)	X			
	HR	Lulli et al., "Influence of electron-beam parameters on the radiation-induced formation of graphitic onions", Ultramicroscopy, 60:187-194 (1995)	X			
	IR	Burch et al., "Technegas-a new ventilation agent for lung scanning", Nuclear Medicine Communications, 7:865-871 (1986)	X			
	JR	Burch et al., "Lung Ventilation Studies with Technetium-99m Pseudogas", The Journal of Nuclear Medicine, 27:842-846 (1986)	X			
	KR	Senden et al., "The Physical and Chemical Nature of Technegas", J. Nucl. Med., 38:1327-1331 (1997)	X			
↓	LR	Ng et al., "Thermal-Induced Microstructural Changes of Nickel-Iron Cyanide", J. Phys. Chem. A, 104:8814-8822 (2000)	X			
LH	MR	Gadd et al., "The encapsulation of Ni in graphitic layers using C ₆₀ as a precursor", Carbon 39:1769-1787 (2001)				

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